(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
9 June 2005 (09.06.2005)

PCT

(10) International Publication Number
WO 2005/052846 A2

(51) International Patent Classification[7]: G06K 7/00

(21) International Application Number:
PCT/IB2004/052525

(22) International Filing Date:
24 November 2004 (24.11.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
03104423.3 27 November 2003 (27.11.2003) EP

(71) Applicant *(for all designated States except US)*: **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(72) Inventor; and

(75) Inventor/Applicant *(for US only)*: **ARENDONK, Anton** [NL/NL]; Triester Strasse 64, A-1101 Vienna (AT).

(74) Agents: **RÖGGLA, Harald** et al.; Philips Intellectual Property & Standards, Triester Strasse 64, A-1101 Vienna (AT).

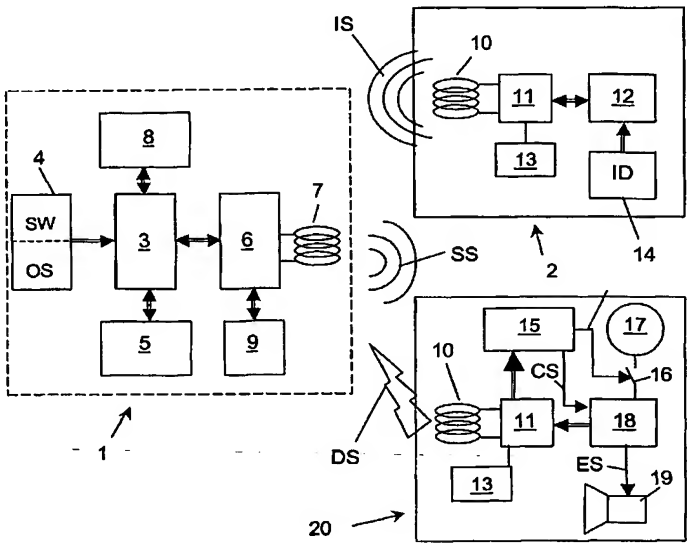
(81) Designated States *(unless otherwise indicated, for every kind of national protection available)*: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States *(unless otherwise indicated, for every kind of regional protection available)*: ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:
— *without international search report and to be republished upon receipt of that report*

[Continued on next page]

(54) Title: JAMMER FOR TAGS AND SMART CARDS



(57) Abstract: A jammer (20) for jamming the readout of contactless data carriers (2, 2') by a reader (1) emitting electromagnetic scanning signals (SS) has an air interface (11) for receiving electromagnetic signals, analyzing means (15) for analyzing the electromagnetic signals received by the air interface, and jamming-signal generating means (18) for generating a jamming signal (DS). The analyzing means (15) for analyzing the electromagnetic signals received are arranged to identify scanning signals (SS) from the reader (1) among the electromagnetic signals received and, when scanning signals (SS) are detected, to transmit a control signal (CS) to the jamming-signal generating means (18), which latter in turn generate the jamming signal (DS) and transmit it via the air interface (11) on receipt of the control signal (CS).

WO 2005/052846 A2

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.